

# Work Order ID 62103

September 16, 2010 7:12:43 AM



Page 1

Item ID: D3896-1

Accept



Setup Start



Revision ID:

Item Name: Relay

Stop



Start Date: 9/16/10

Start Qty: 4.00



Cust Item ID:

Required Date: 9/30/10

Req'd Qty: 4.00



Customer:

Reference:

Approvals:

Process Plan: C2

Date: 10/9/16 Tooling:

Date:

Run Start



QC:

Date: SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D3896

A

100

0.00



Purchasing

Memo

0.00

Issue P/O: 2597

Purchase Part Number: 1616121-2 or Q-50AB-1

Supplier: Arrow Electronics or Flame Enterprises

Certificate of conformity is required

C2 10/9/17 82

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

P 10/9/24 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 62103**

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Item ID: D3896-1

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Setup Start



Revision ID:

Stop



Item Name: Relay

Start Date: 9/16/10

Start Qty: 4.00



Cust Item ID:

Required Date: 9/30/10

Req'd Qty: 4.00



Customer:

Reference:

Approvals:

Process Plan: \_\_\_\_\_

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run

Start



QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

120

QC6- Inspect dimensions to drawing

0.00

5/10/09/27



QC

Memo

0.00

(42)

Quality Control

130

Identify as per dwg &amp; Stock Location: 093

0.00



Packaging

Memo

0.00

C10/9/27 2

Packaging

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

10/09/27 J  
C10/9/27

Quality Control

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

September 16, 2010 7:12:42 AM

Page 1

Work Order ID: 62103



Parent Item: D3896-1



Parent Item Name: Relay



Start Date: 9/16/10

Required Date: 9/30/10

Start Qty: 4.00

Required Qty: 4.00

## Comments:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
1616131-2  Relay <i>Q50A3-1</i>		Purchased	No			110	Each	0.0000	1 	<i>432</i>		<i>9/27/10</i>	<i>E</i>

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

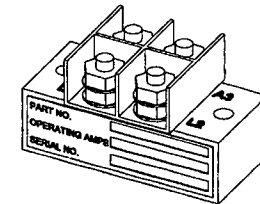
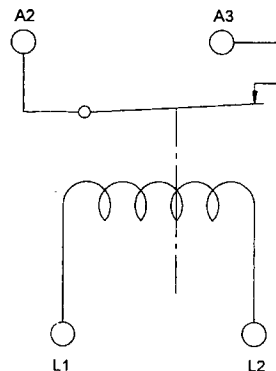
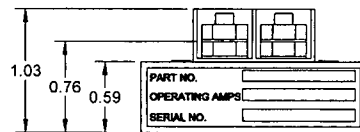
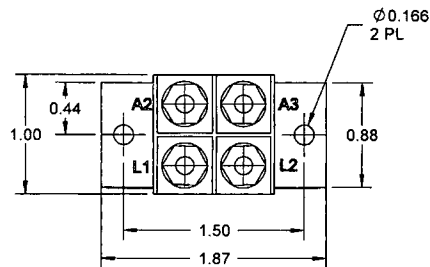
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# SPECIFICATION CONTROL DRAWING



C21019114  
W10: 62103

OPERATING CHARACTERISTICS	
PICKUP	1.5 AMP MAX.
DROPOUT	LESS THAN 1 AMP
CONTINUOUS	10 AMP MAX. 15 AMP FOR 3 SEC.
MAX. WEIGHT	1.25 OZ.
TEMPERATURE	-55°C TO +71°C
VIBRATION	10 Gs TO 500 HZ
ALTITUDE	50,000 FT. MAX.
CONTACT RATING	1 AMP SWITCHING 2 AMP CARRY

## D3896-X RELAY - CURRENT INDICATING

DART PART NUMBER	POSSIBLE SUPPLIER	HARTMAN ELECTRICAL MANUFACTURING PART NUMBER	TYCO ELECTRICAL PART NUMBER
D3896-1	ARROW ELECTRONICS, INC. FLAME ENTERPRISES, INC.	Q-50AB-1	1616131-2

RELEASED  
2009-08-28

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: N/A
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3896-X" AND B/N USING FINE POINT PERMANENT INK MARKER
  - 7) WEIGHT: 0.08 lbs

A	NEW ISSUE		09.02.05
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.02.05		

DART AEROSPACE LTD  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D3896  
REV. A  
SHEET 1 OF 1

TITLE RELAY - CURRENT IND.  
SCALE NTS

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Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

\*\*\*PO REPRINT\*\*\*

Purchase Order ID PO12597

Purchase Order Date 9/17/10  
PO Print Date 9/17/10

Page Number 1 of 1

Order From :

VU-ROY001

VISA  
PAYMENT CENTRE, PO BOX 4016, STAT. A  
TORONTO,

Contact Name  
Vendor Phone  
Vendor Fax  
Vendor Account Nbr

Buyer Chantal Lavoie  
Requisition Nbr  
Tax Resale Nbr 10127-2607  
Terms Net 30  
Currency USD  
FOB

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAKED**  
CZ10/9/10  
e-mail

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	Q-50AB-1	Relay	9/24/10 Yes	2.00 Each	FedEx PI ppd	\$731.4000	\$1,462.80
Special Inst:			AS PER DWG D3896 REV. A B62103 CTG P/N: Q-50AB-1				
2	8-696371-1	tab	9/24/10 Yes	50.00 Each	FedEx PI ppd	\$1.0000	\$50.00
Special Inst:			AS PER DWG D4009 REV. A B62138 P/N: 8-696371-1				

PO Total: \$1,512.80

CERTIFICATE OF CONFORMITY  
REQ'D UPON DELIVERY

PO Instructions: CRESTWOOD TECHNOLOGY GROUP  
VISA ACCT: 4514 0310 0909 0347 EXP DATE: 11/13

CZ

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 2

Change Date: 9/17/10





Crestwood Technology Group

A CERTIFIED ISO 9001:2000 COMPANY

200 Corporate Blvd South  
Suite 110  
Yonkers, NY 10701  
Phone (914) 779-3500  
Fax (914) 375-4508

## PACKING SLIP

Invoice #	Date
065076	9/23/2010

### Bill To:

Dart Aerospace Ltd  
1270 ABERDEEN STREET  
HAWKESBURY, OH K64 1 K7  
PO12597  
Phone: 613-632-9577  
Fax: 613-632-1053  
Email: clavoie@dartaero.com

### Ship To:

Dart Aerospace Ltd  
1270 ABERDEEN STREET  
HAWKESBURY, OH K64 1 K7  
PO12597

P.O. NUMBER: PO12597

TERMS: Credit Card

REQUIRED DATE: 9/24/2010

S. 10/16/07

LINE	PO LINE	QUANTITY	PART NUMBER	MANUFACTURER
		2	Q-50AB-1	
			AS PER DWG D3896 REV. A B62103	
		50	8-696371-1	

COMMENT:

Ship Via: FEDEX INTERNATIONAL PRIORITY

Acct #: 15179324-0

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